

Appl. No. 09/814,124; Group Art Unit: 2171

Dkt. No. 1874.0090000;

Inventor(s): O'Rourke et al.; Tel: 202/371-2600

Title: System, Method and Computer Program Product for Data Mining In a Three-Dimensional Multi-User Environment

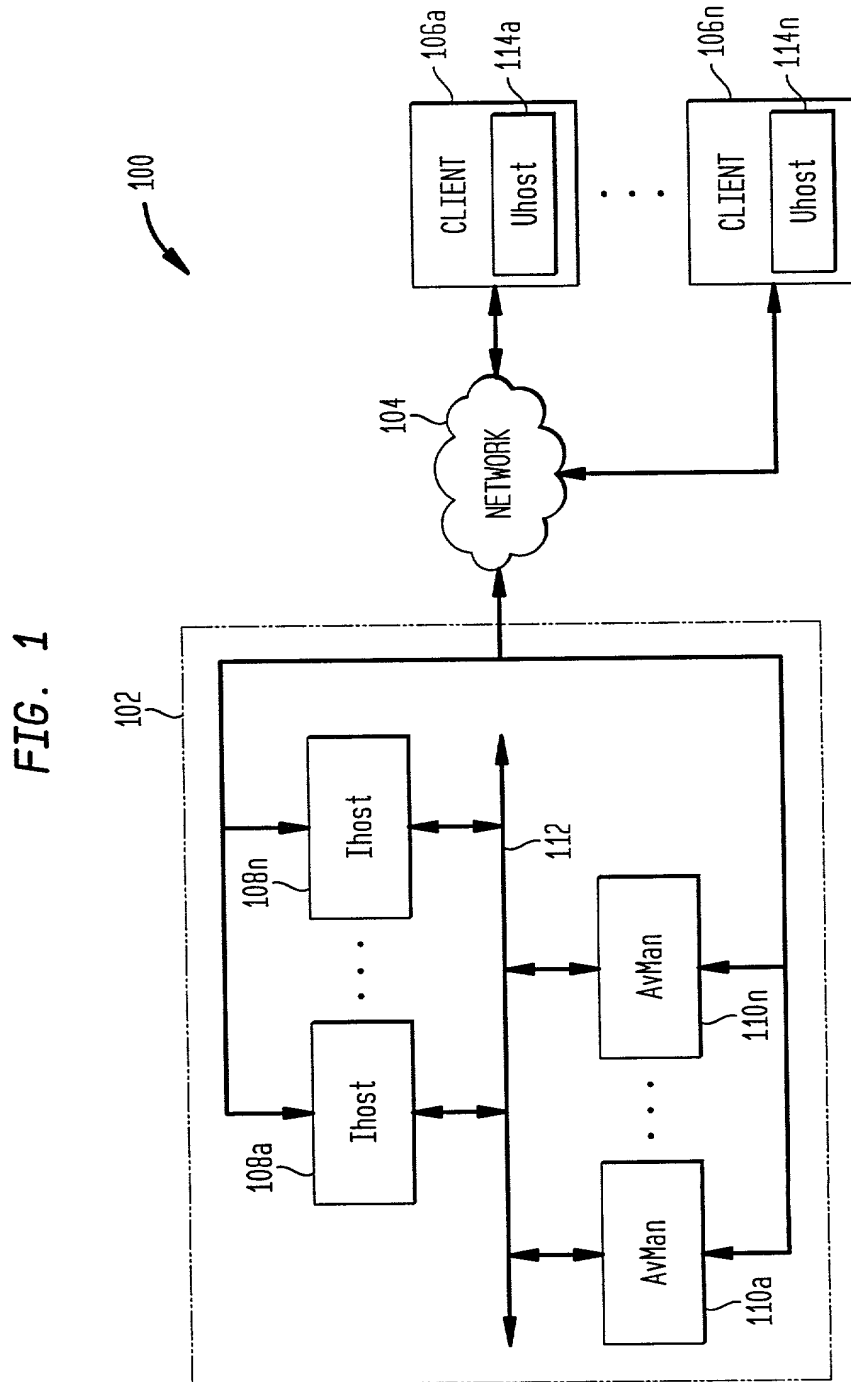


FIG. 2

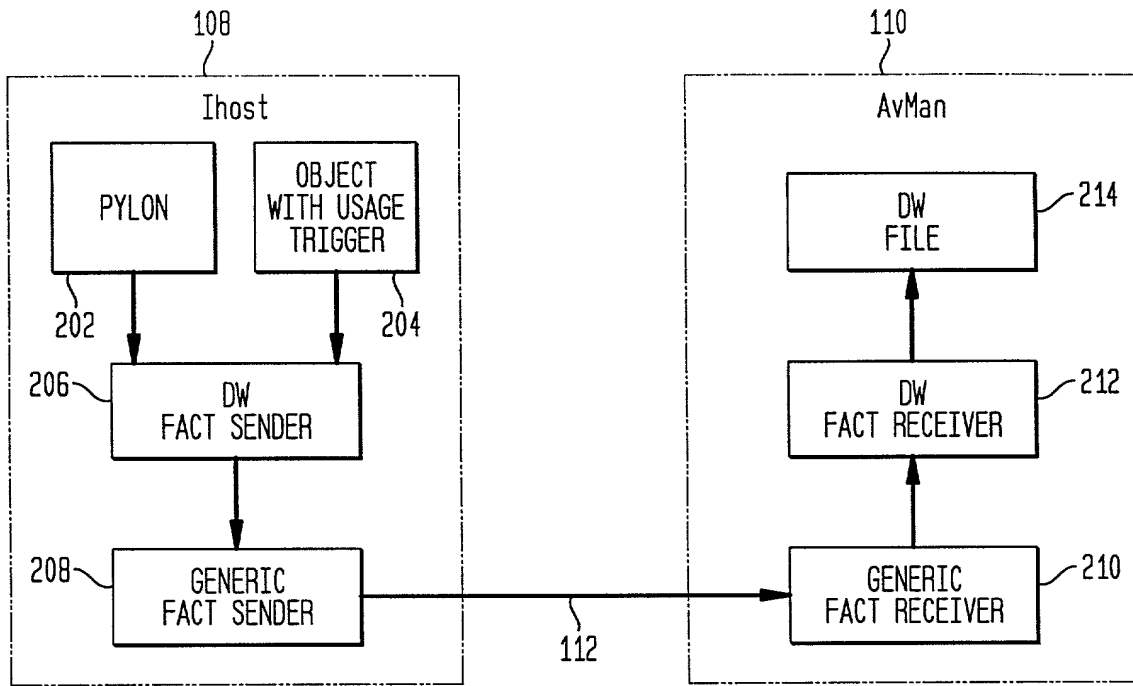


FIG. 3

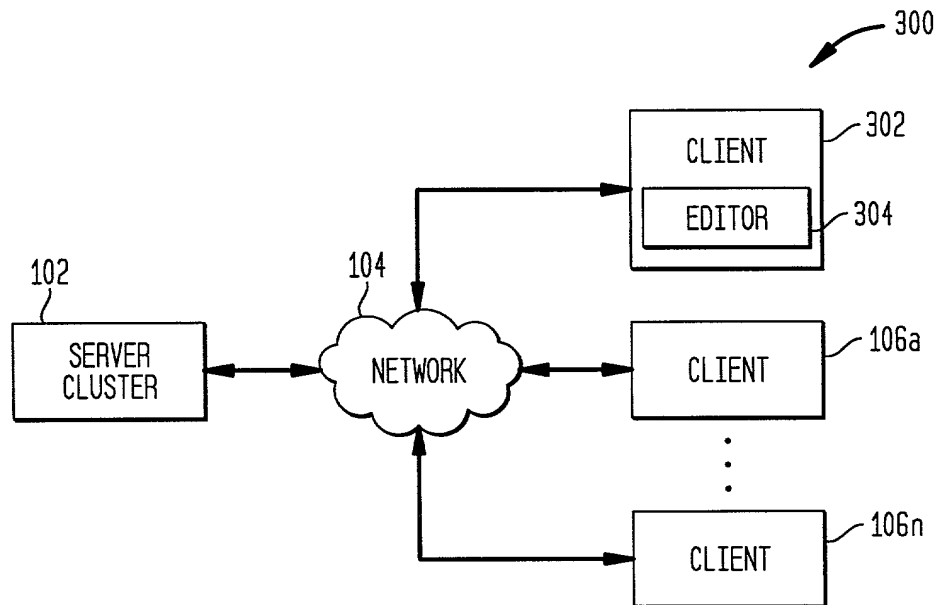


FIG. 4

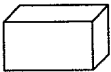


400

402

Name*: (not case sensitive)
 *may include 'all', 'cylinders', 'boxes', 'region' or 'pylon' names

Size definition
 Unsure of the values? Use PYLON MAP to locate & define the base point.

Base Point X= } 404
 This coordinate defines the Y=
 red point on the objects Z=
 previewed

Pylon Preview		Define Pylon Shape	
Box/Line		Length <input type="text"/>	} 406
		Width <input type="text"/>	
		Height <input type="text"/>	
Cylinder		Height <input type="text"/>	} 408
		Diameter <input type="text"/>	
Sphere		Diameter Length <input type="text"/>	} 410
		Diameter Width *same if circle <input type="text"/>	
Cone-Square		Outer Box Length <input type="text"/>	} 412
		Outer Box Height <input type="text"/>	
		Distance between boxes <input type="text"/>	
Cone-Round		Base Diameter <input type="text"/>	} 414
		Outer Diameter <input type="text"/>	
		Distance between circles <input type="text"/>	

Activate/Deactivate

☒ ACTIVATE
 416

418

☐ Immediately
☐ Next Scheduled Interval
☐ Specific date / / @ : } 420

Collect data points

<input type="checkbox"/> time in	<input type="checkbox"/> pylon name	<input type="checkbox"/> count# of other avatars in pylon "time in"	} 422
<input type="checkbox"/> time out	<input type="checkbox"/> region name	<input type="checkbox"/> count# of other avatars in pylon at "time out"	
<input type="checkbox"/> avatar	<input type="checkbox"/> "in use" object doid	<input type="checkbox"/> count avatars with same activity	
<input type="checkbox"/> location	<input type="checkbox"/> Activity doid		

CREATE PYLON

RECALL PYLON

UPDATE PYLON

424

426

428

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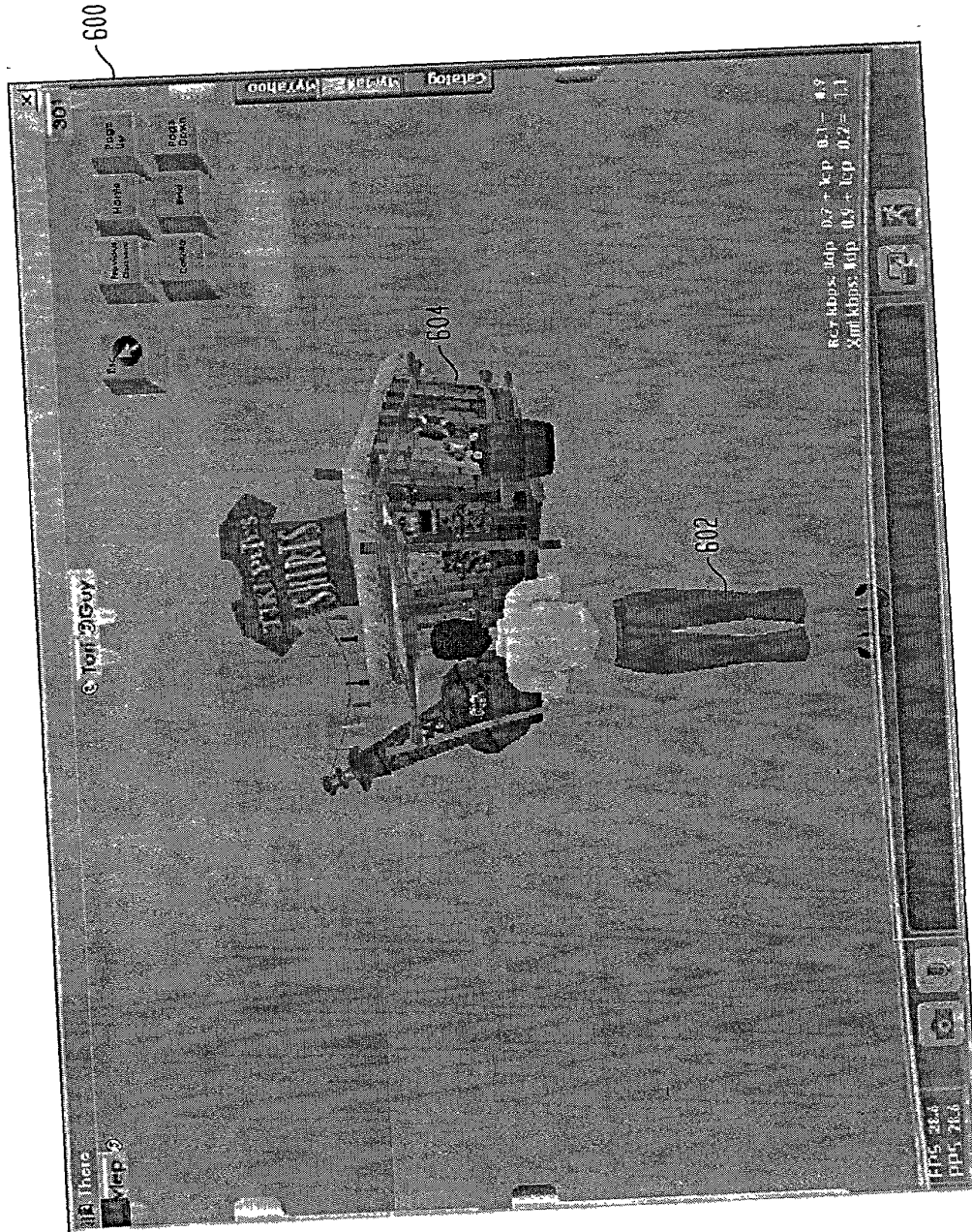
FIG. 5

The screenshot shows a software window titled "DataWarehousePylon 89930". The window contains a toolbar with buttons labeled 502 (Revert), 504 (Apply), 506 (Local Ref Frame), 508 (Load), 510 (Save), and 512 (Exit). Below the toolbar is a "Save File:" label followed by a text input field and a "Browse" button (516). The main area of the window is titled "Uncategorized" and contains several configuration fields:

- objectName**: DataWarehousePylon (514)
- position**:
 - x: -256197.83 (518)
 - y: 6612.99 (520)
 - z: 5998502.61 (520)
- heading (-181.00, 180.00):** 40.00 (522)
- pylon turned on? (0, 1):** 1 (524)
- record vehicles? (0, 1):** 1 (526)
- record tools? (0, 1):** 1 (528)
- poll freq.(s) (0.50, 3600.00):** 10.00 (530)
- shape**:
 - DataWarehousePylonShapeTypeSphere (532)
 - DataWarehousePylonShapeTypeBox (532)
 - DataWarehousePylonShapeTypeCone (532)
- sphere radius (0.20, 1000.00):** 10.00 (534)
- box width (0.20, 1000.00):** 5.00 (536)
- box height (0.20, 1000.00):** 5.00 (536)
- box length (0.20, 1000.00):** 7.00 (536)
- cone height (0.20, 1000.00):** 10.00 (538)
- cone radius (0.20, 1000.00):** 10.00 (538)

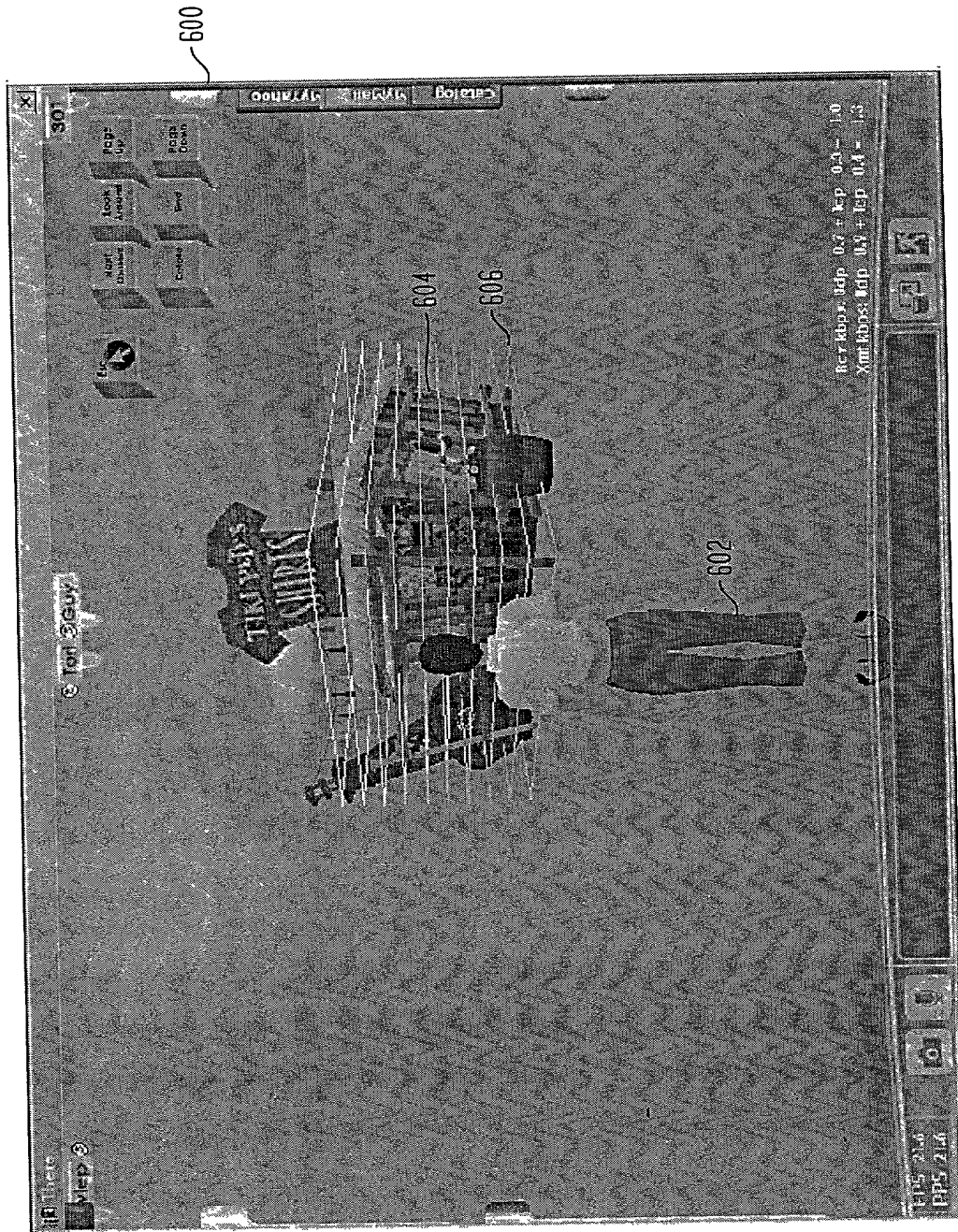
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FIG. 6



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FIG. 7



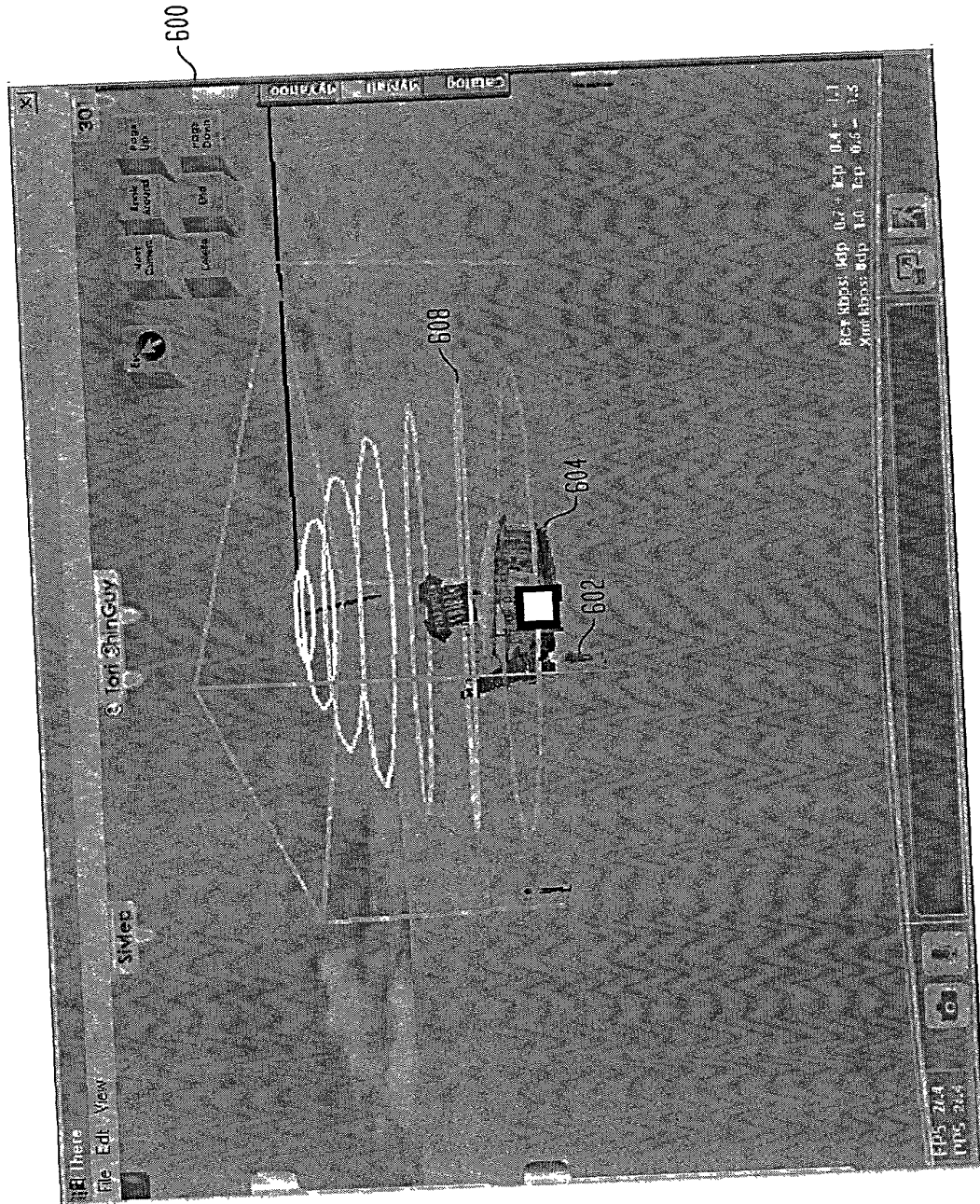
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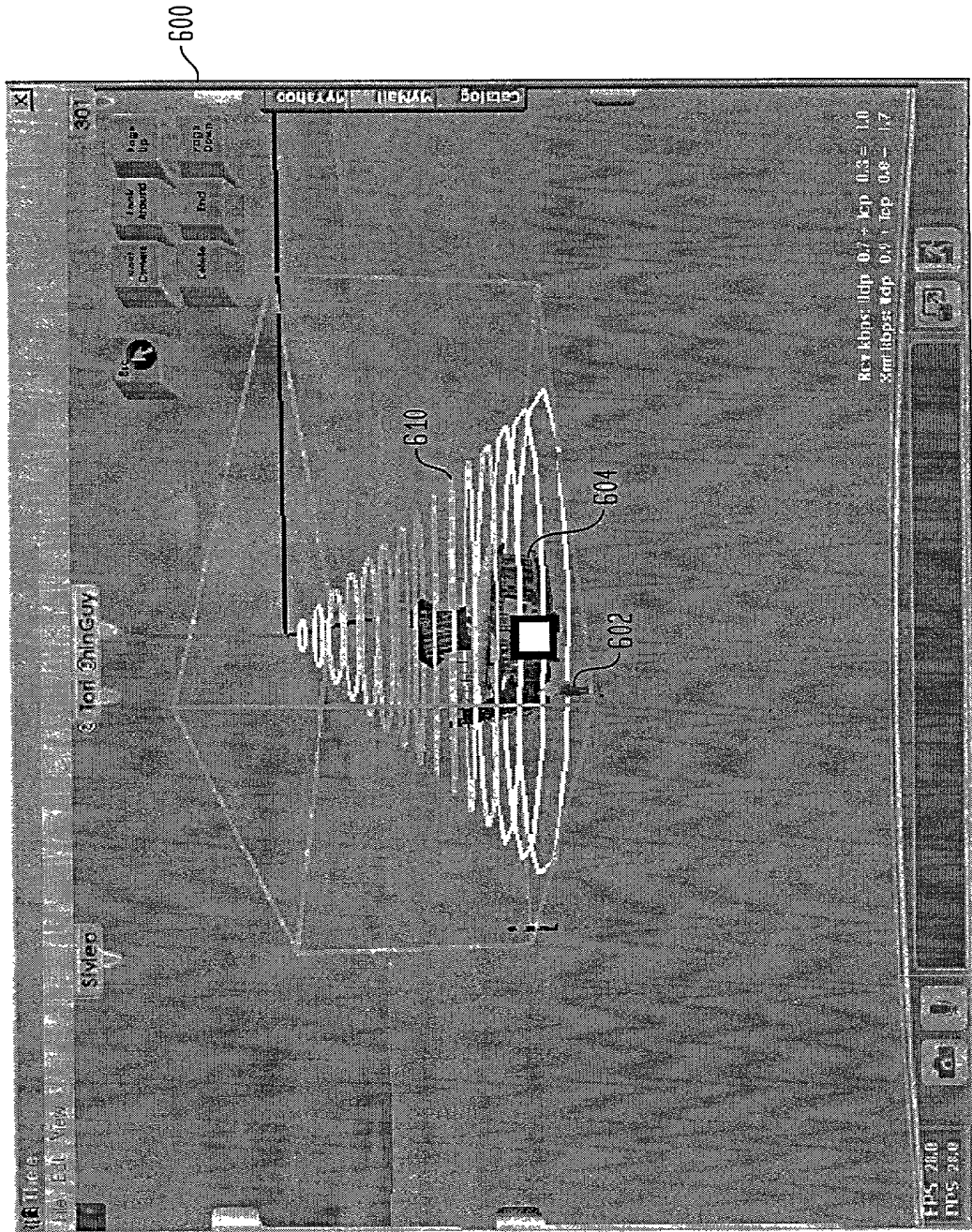
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FIG. 8



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FIG. 9



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FIG. 10

